

FIG. 1

09816546.1.12001

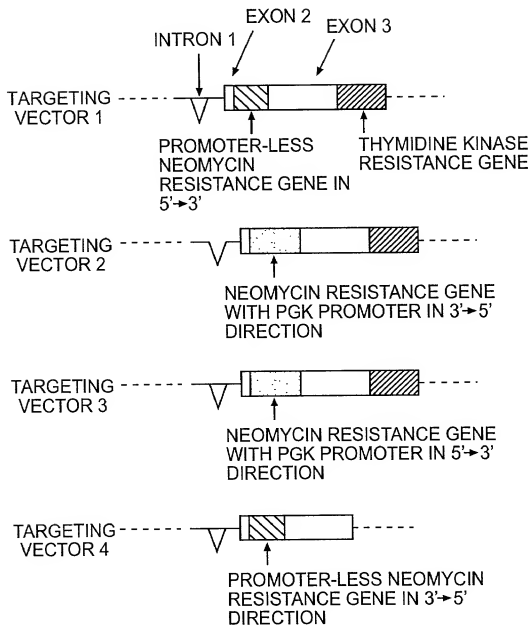


FIG. 2A

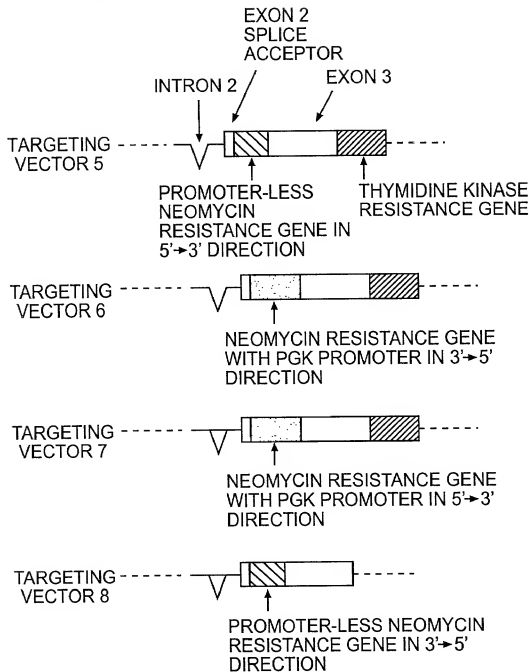


FIG. 2B

09816546-112001

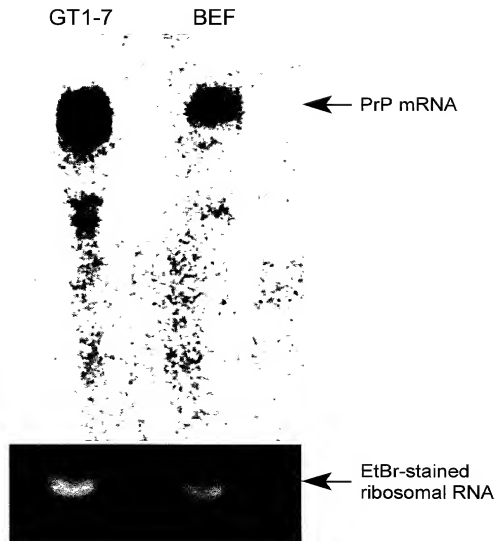


FIG. 3

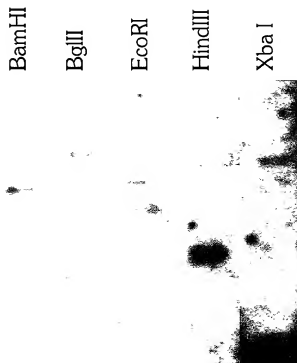


FIG. 4

FIG. 5A

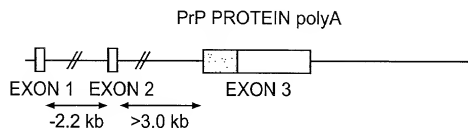


FIG. 5B

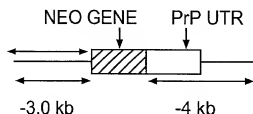


FIG. 5C



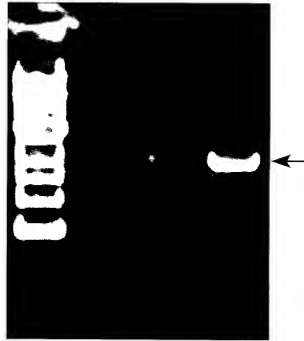
09816546-112001

FIG. 6A



2.5 kb genomic DNA
which was used to
form the 5' flank of
targeting vector

FIG. 6B



2.1 kb genomic DNA which
was used to form the
3' flank of targeting vector

09816546.1.1.2001

CELL SURVIVAL IN ELECTROPORATION OF
BFF TRANSFECTED WITH pPNT AND pPRP.

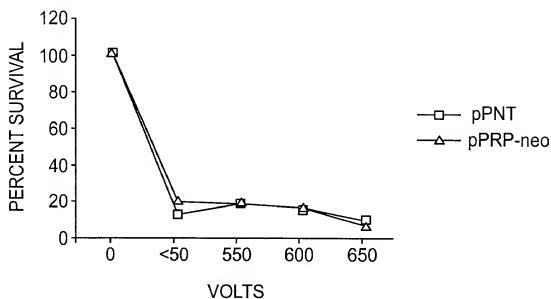


FIG. 7

ELECTROPORATION OF BFF TRANSFECTED WITH pPNT
- SECOND EXPERIMENT

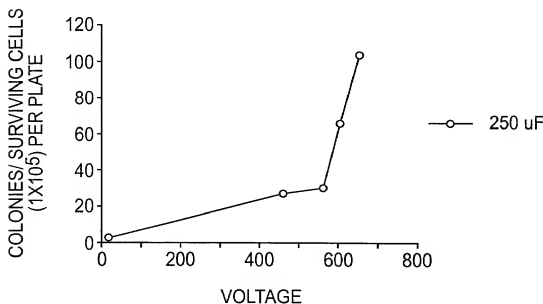


FIG. 8

ELECTROPORATION OF BFF TRANSFECTED WITH pPRP

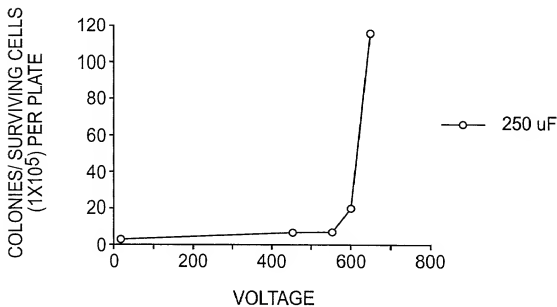


FIG. 9

G418 TREATMENT OF UNTRANSFECTED BFF CELLS

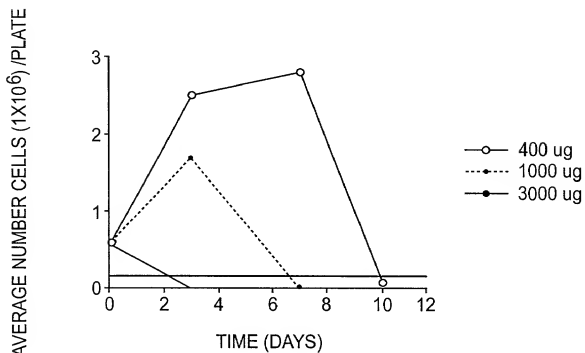


FIG. 10

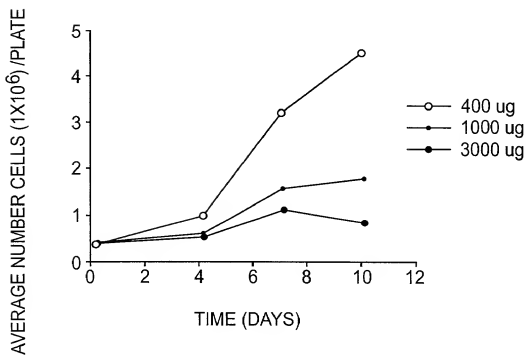


FIG. 11

GENOMIC DNA ORGANIZATION OF BOVINE PrP
AND THE GENE TARGETING STRATEGY

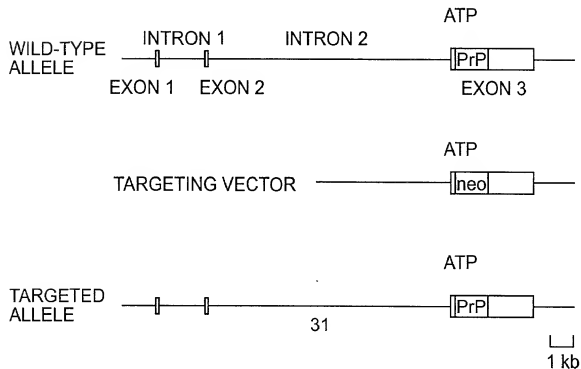


FIG. 12